

Substitute for form 1449A and B/PTO

(use as many sheets as necessary)

Sheet	1	of	3
-------	---	----	---

**Complete if Known**

<b>Application Number</b>	<b>09/529,232</b>
<b>Filing Date</b>	<b>APRIL 10, 2000</b>
<b>First Named Inventor</b>	<b>Yasuo KONISHI et al.</b>
<b>Art Unit</b>	<b>1655</b>
<b>Examiner Name</b>	<b>Janelle TAYLOR</b>
<b>Attorney Docket Number</b>	<b>2139-11US – CC/lcl</b>

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner  
Signature

Sind

Date  
Considered

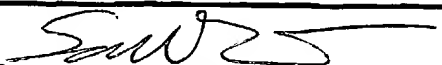
2-5-04

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A and B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/529,232
		Filing Date	APRIL 10, 2000
		First Named Inventor	Yasuo KONISHI et al.
		Art Unit	1655
		Examiner Name	Janelle TAYLOR
		Attorney Docket Number	2139-11US - CC/lcl
Sheet	2	of	3

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
SWL	1	Giancarlo AGNELLI et al., "Effects of Hirudin and Heparin on the Binding of New Fibrin to the Thrombus in t-PA Treated Rabbits", <i>J. Thrombosis and Haemostasis</i> 66, 592-597, 1991;	
	2	Paul BOURDON et al., "Structure-function relationships of hirulog peptide interactions with thrombin", <i>FEBS Lett.</i> 294, 163-166, 1991;	
	3	John DIMAIO et al., "Bifunctional Thrombin Inhibitors Based on the Sequence of Hirudin <sup>45-65</sup> ", <i>J. Biol. Chem</i> 265, 21698-21703, 1990;	
	4	"Simple Inhibition Systems", <i>Enzyme Kinetics: Behavior and Analysis of Rapid Equilibrium and Steady-State Enzyme Systems</i> , pp 100-160, John Wiley & Sons, 1975;	
	5	J.M. MARAGANORE et al., "Design and Characterization of Hirologs: A Novel Class of Bivalent Peptide Inhibitors of Thrombin", <i>Biochemistry</i> 29, 7095-7101, 1990;	
	6	John F. MORRISON et al., "The Behavior and significance of slow-binding enzyme inhibitors", <i>Adv. in Enzymol.</i> 61, 201-301, 1998;	
	7	James C POWERS et al., "Synthetic Substrates and inhibitors of thrombin", <i>Thrombin: Structure and Function</i> , Chapter 4, (1992) Lawrence J. Berliner, Plenum Press, New York;	
	8	Stuart R. STONE et al., "Kinetics of the Inhibition of Thrombin by Hirudin", <i>Biochemistry</i> 25, 4622-4628, 1986;	
	9	Zbigniew SZEWCZUK et al., "Design of a Linker for Trivalent Thrombin Inhibitors: Interaction of the Main Chain of the Linker with Thrombin", <i>Biochemistry</i> , 32, pp. 3396-3404, 1993 (No. XP-002067819);	
	10	Zbigniew SZEWCZUK et al., "Conformationally Restricted Thrombin Inhibitors Resistant to Proteolytic Digestion", <i>Biochemistry</i> 31, 9132-9140, 1992;	
SWL	11	F.B. TAYLOR et al., "Protein C Prevents the Coagulopathic and Lethal Effects of <i>Escherichia coli</i> Infusion in the Baboon" <i>J. Clin. Invest.</i> , 79, pp. 918-25, 1987;	

Examiner Signature		Date Considered	2-5-04
--------------------	---	-----------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A and B/PTO


*(use as many sheets as necessary)*

**Complete if Known**

<b>Application Number</b>	<b>09/529,232</b>
<b>Filing Date</b>	<b>APRIL 10, 2000</b>
<b>First Named Inventor</b>	<b>Yasuo KONISHI et al.</b>
<b>Art Unit</b>	<b>1655</b>
<b>Examiner Name</b>	<b>Janelle TAYLOR</b>
<b>Attorney Docket Number</b>	<b>2139-11US -- CC/lcl</b>

Sheet	3	of	3
-------	---	----	---

[illegible]

Examiner Signature		Date Considered	2-5-04
-----------------------	---	--------------------	--------

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.